

Title (en)  
CONTROL SYSTEM OF MARINE VESSEL

Title (de)  
STEUERUNGSSYSTEM FÜR EIN SEESCHIFF

Title (fr)  
SYSTÈME DE COMMANDE DE VAISSEAU MARIN

Publication  
**EP 3683137 A1 20200722 (EN)**

Application  
**EP 19218783 A 20191220**

Priority  
JP 2019001458 A 20190108

Abstract (en)  
A control system (100, 200) of a marine vessel (110) includes a portable device (1, 201) and a receiving device (13). The portable device transmits a switch control signal (SS) to the receiving device based on an input operation. The control system of the marine vessel performs authentication control processing based on an authentication signal (SA) from the portable device, and controls opening or closing of a current path (3, 115, 115a, 115b, 203) based on the switch control signal from the portable device.

IPC 8 full level  
**B63H 20/00** (2006.01); **B63H 21/21** (2006.01)

CPC (source: EP US)  
**B60R 25/045** (2013.01 - US); **B63H 20/00** (2013.01 - EP); **B63H 21/21** (2013.01 - EP); **G07C 9/00182** (2013.01 - US); **B60R 2325/304** (2013.01 - US); **B63B 79/40** (2020.01 - US); **B63H 2021/216** (2013.01 - EP); **G07C 2009/00206** (2013.01 - US); **G07C 2009/00293** (2013.01 - US)

Citation (applicant)  
JP 2017027840 A 20170202 - SUZUKI MOTOR CORP

Citation (search report)  
• [XYI] US 7131876 B2 20061107 - HATTORI TOSHIYUKI [JP], et al  
• [XYI] US 2005192735 A1 20050901 - ITO KAZUMASA [JP], et al  
• [XYI] US 2017021905 A1 20170126 - NAKANO YOHEI [JP], et al  
• [IY] US 5623245 A 19970422 - GILMORE JACK R [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3683137 A1 20200722**; **EP 3683137 B1 20230208**; JP 2020113828 A 20200727; US 11364874 B2 20220621; US 2020216018 A1 20200709

DOCDB simple family (application)  
**EP 19218783 A 20191220**; JP 2019001458 A 20190108; US 201916731313 A 20191231